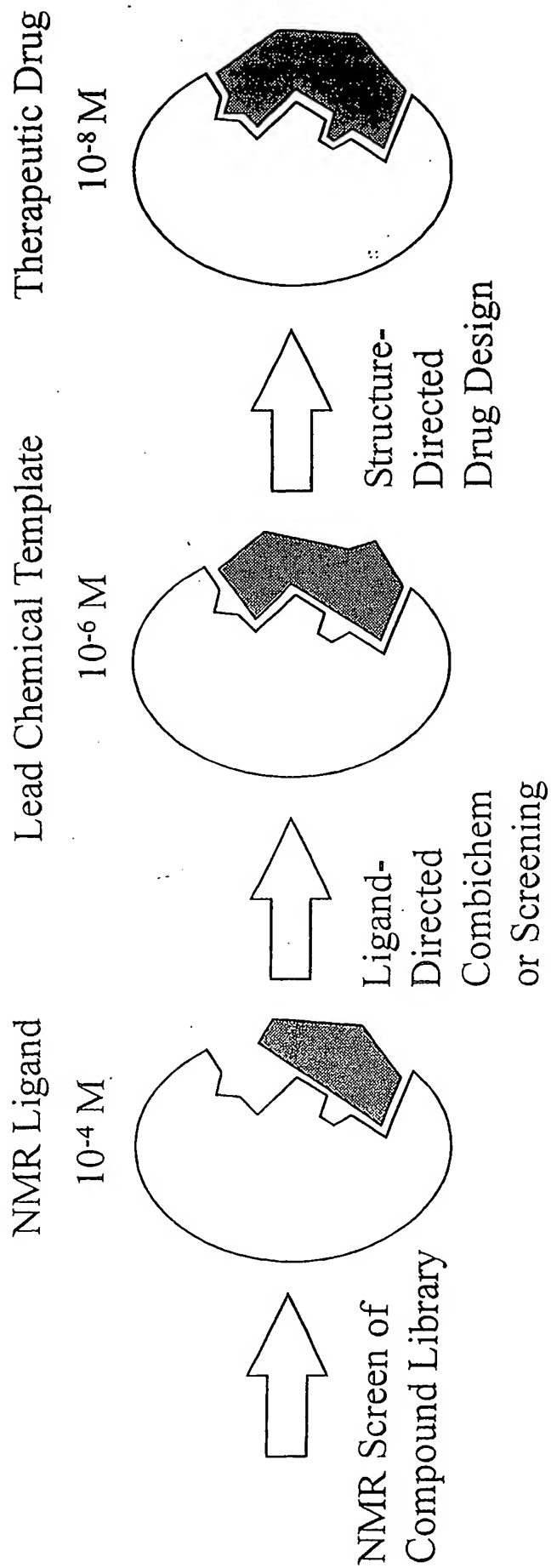


Figure 1





HA BCUT

CHRG BCUT

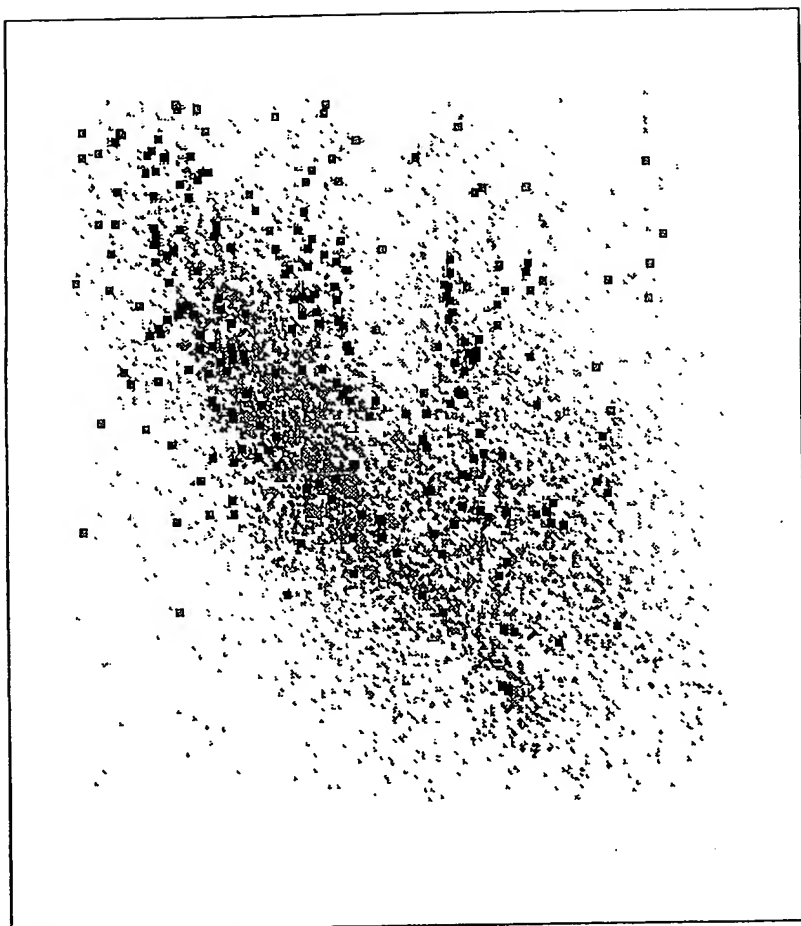
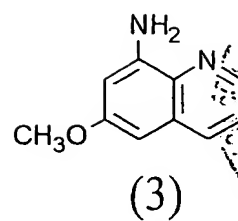
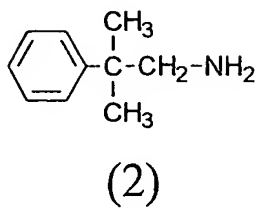
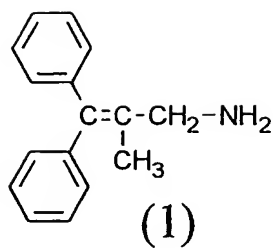
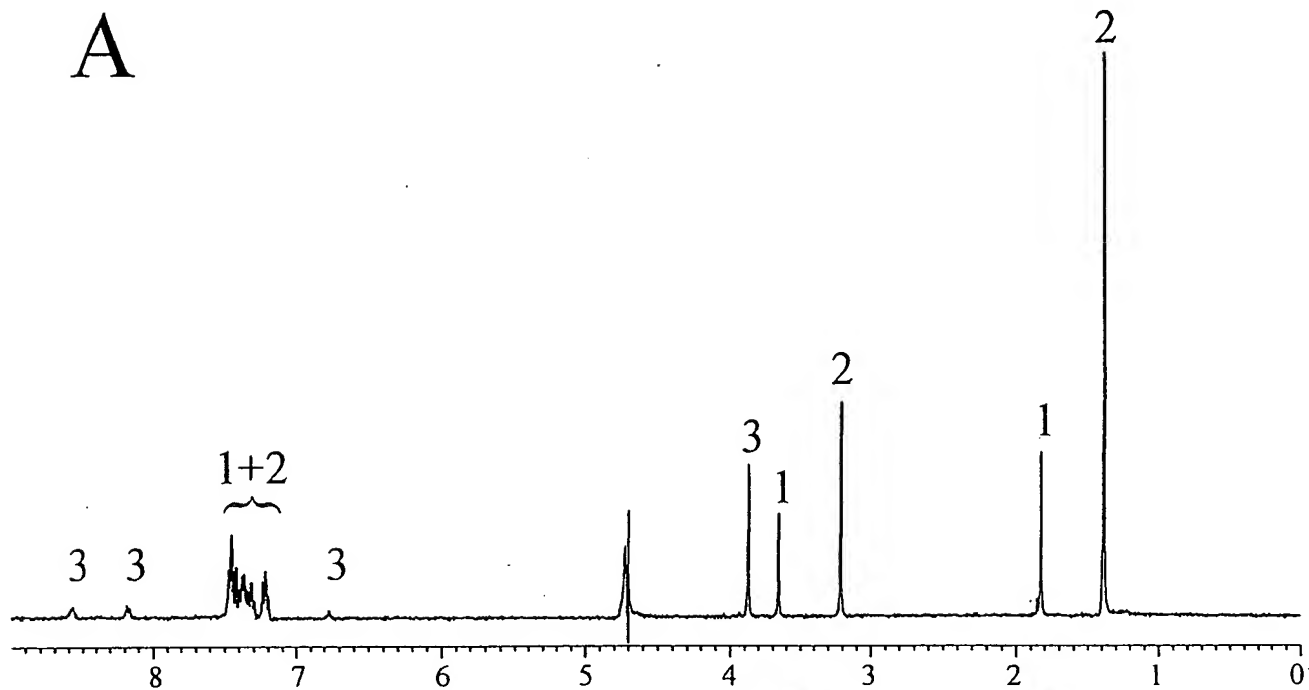


Figure 2

Figure 3



A



B

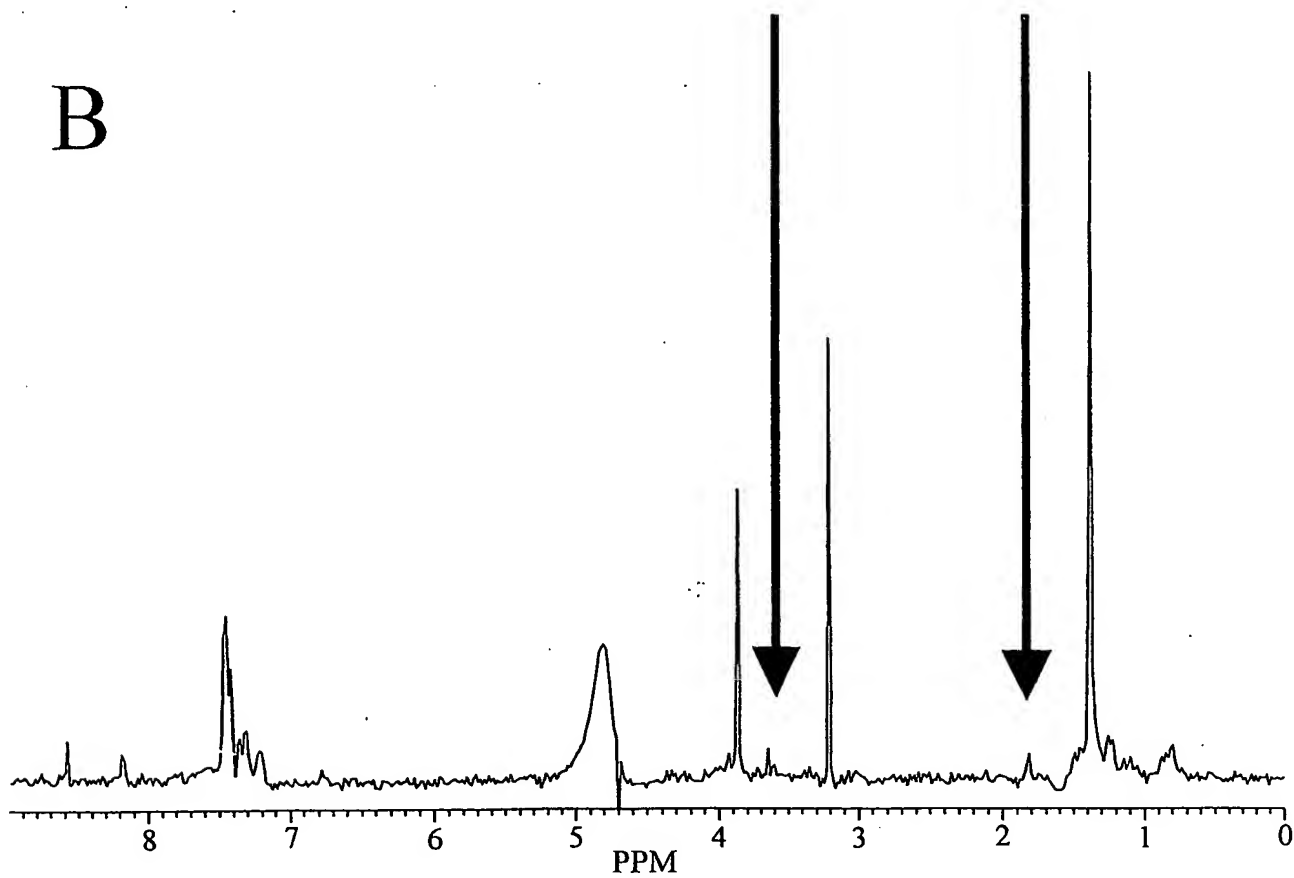
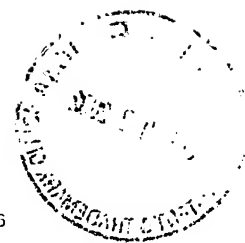
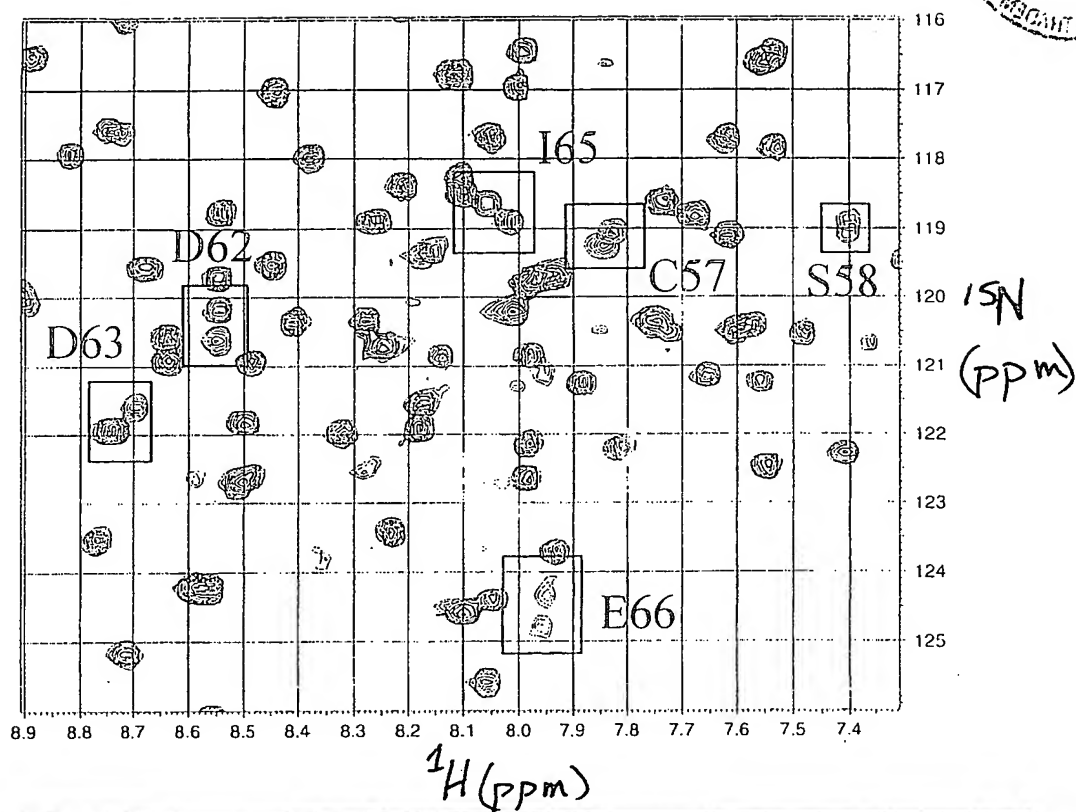


Figure 4



A



B

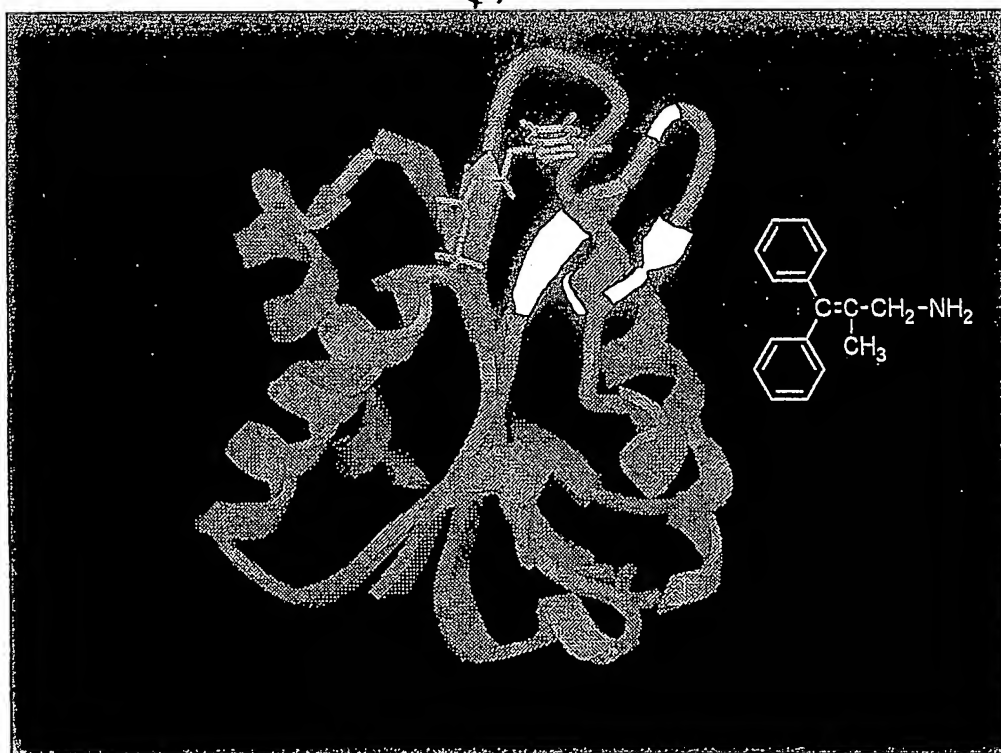
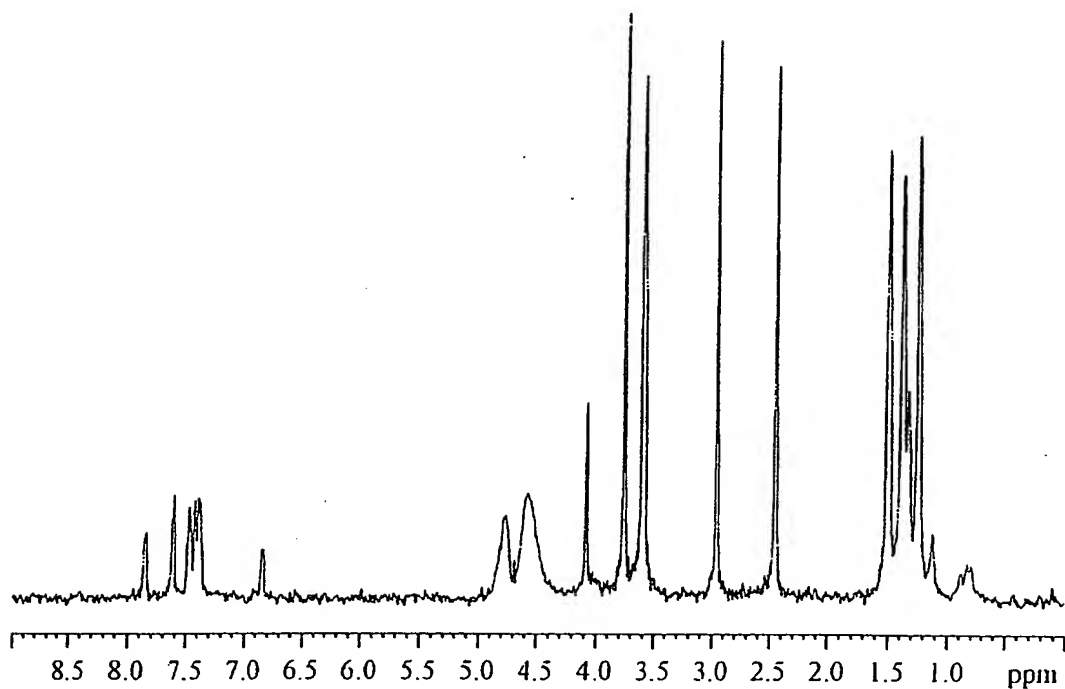
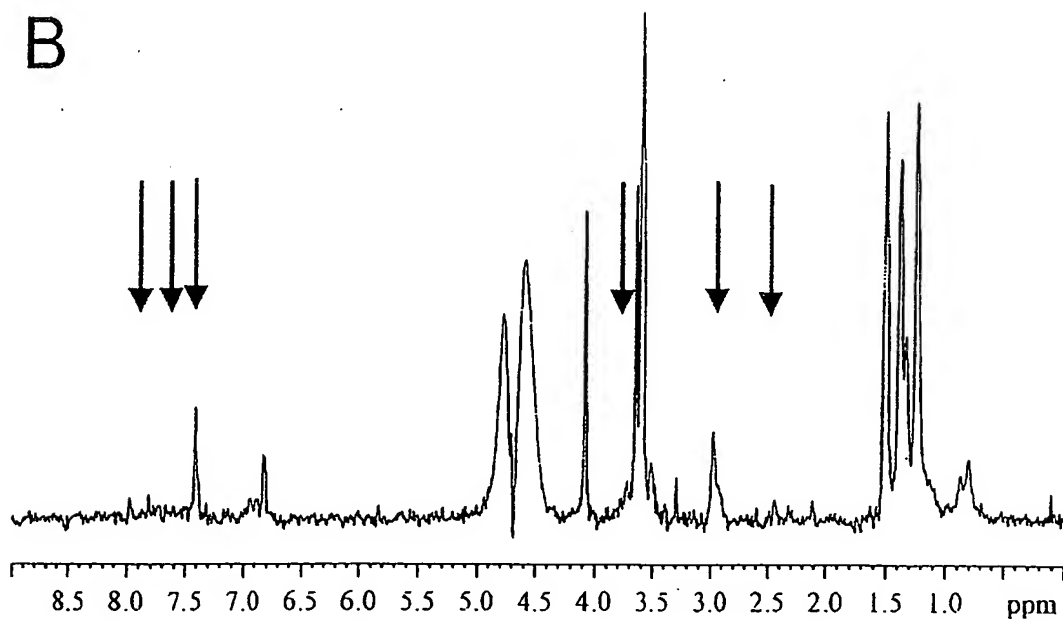


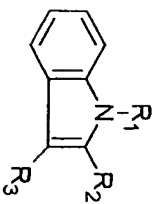
Figure 5

A

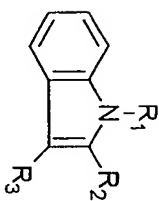


B

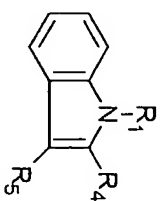




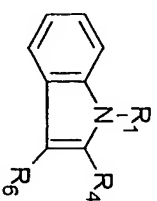
Ligand A NMR $K_d \sim 1.4 \times 10^{-4} \text{ M}$



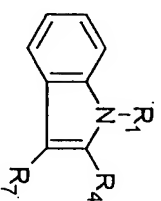
Ligand A $IC_{50} \sim 9.0 \times 10^{-5} \text{ M}$



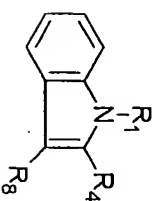
Ligand B $IC_{50} = 1.8 \times 10^{-5} \text{ M}$



Ligand C $IC_{50} = 1.8 \times 10^{-5} \text{ M}$



Ligand D $IC_{50} = 1.2 \times 10^{-5} \text{ M}$



Ligand E $IC_{50} = 3.2 \times 10^{-6} \text{ M}$

Figure 6

Figure 4

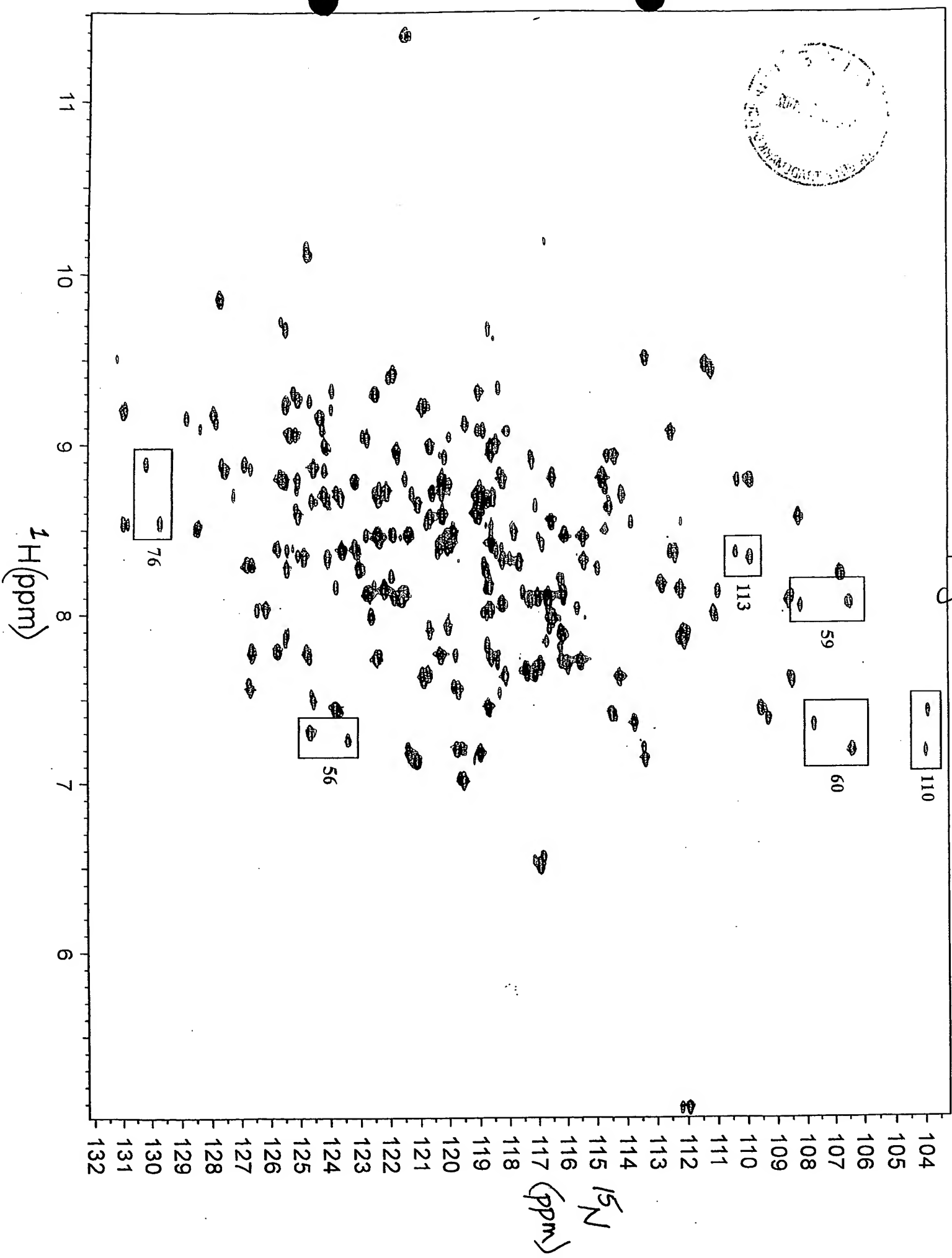




Figure 8

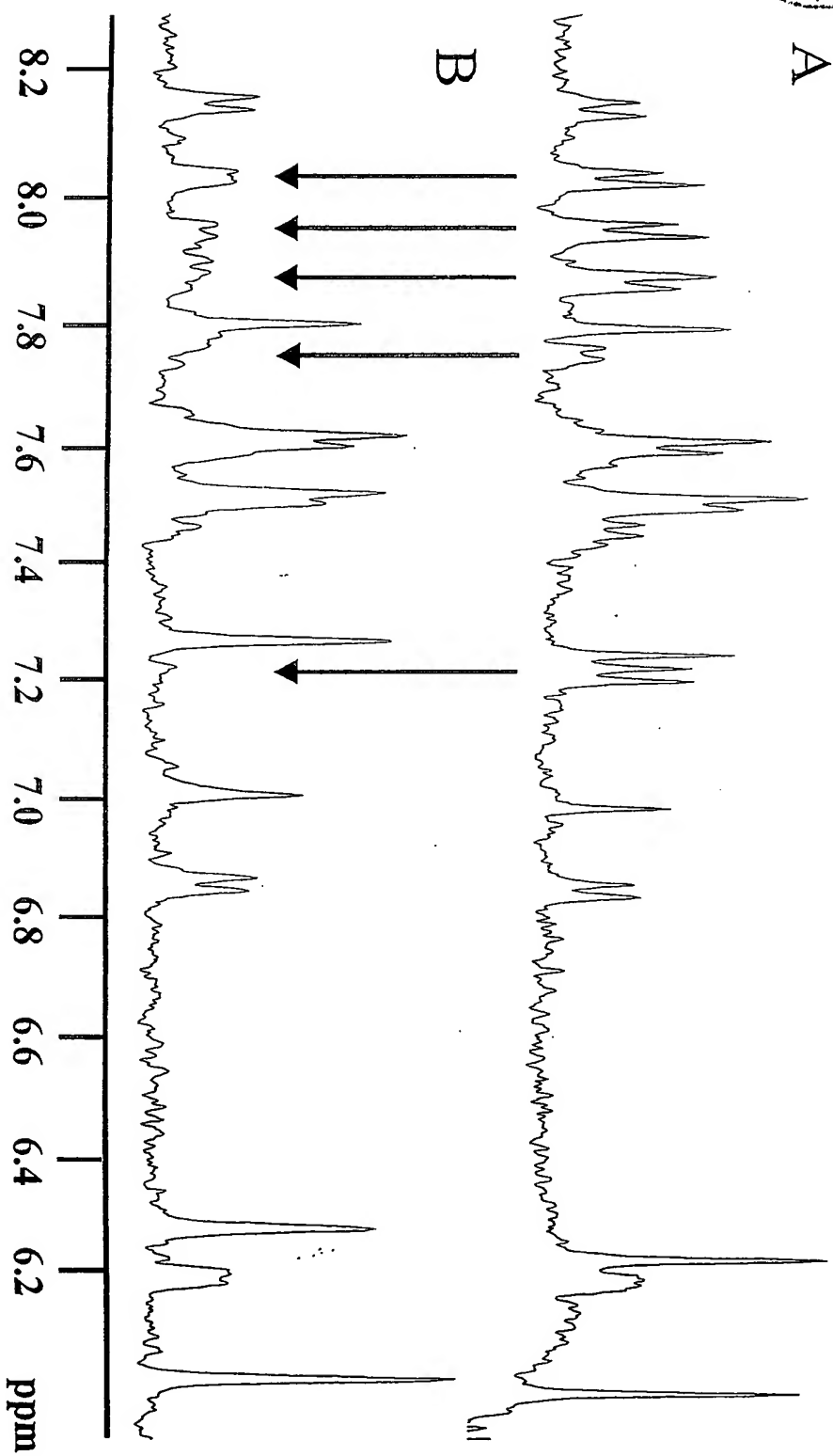


Figure 9

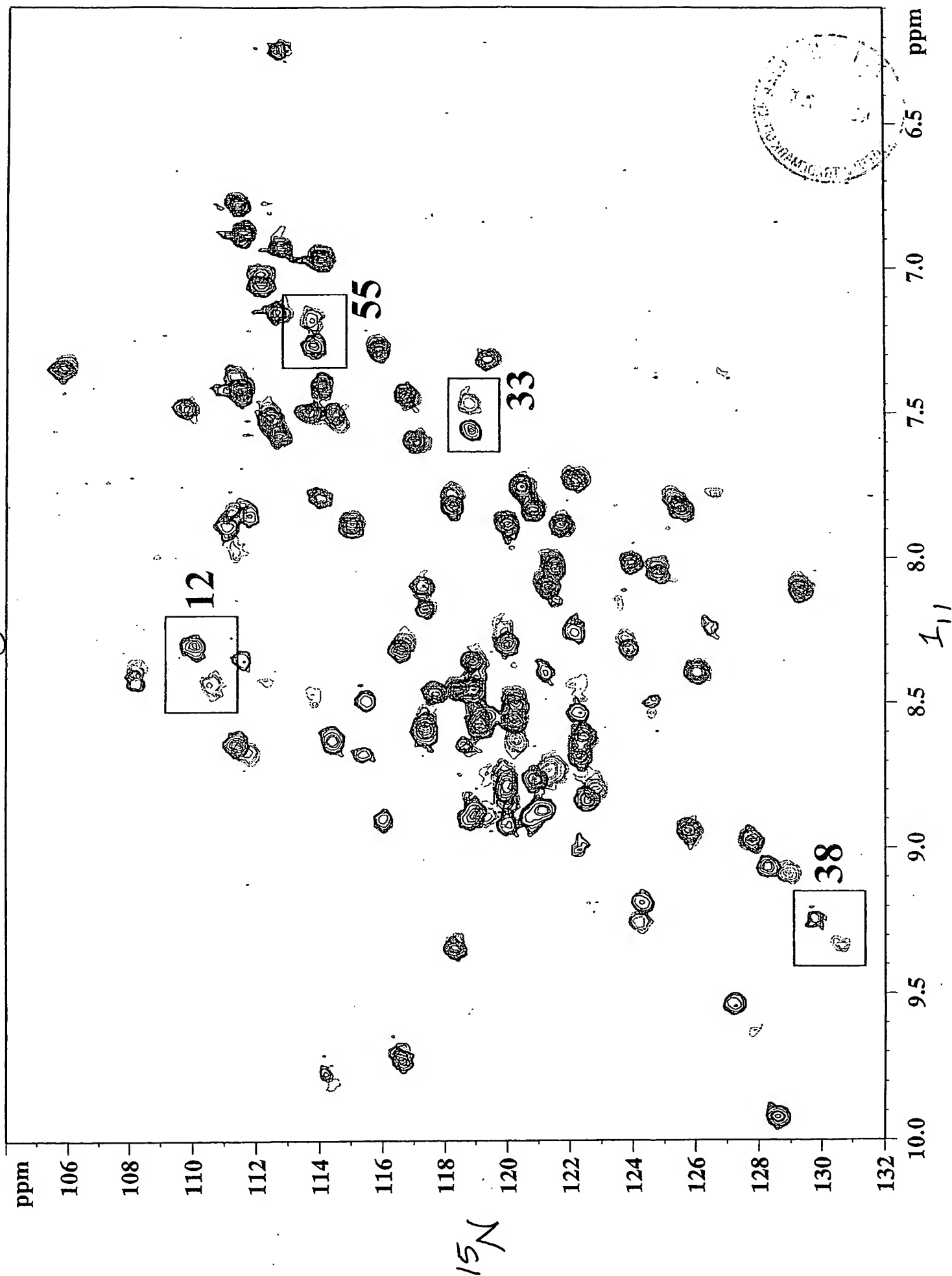


Figure 10.

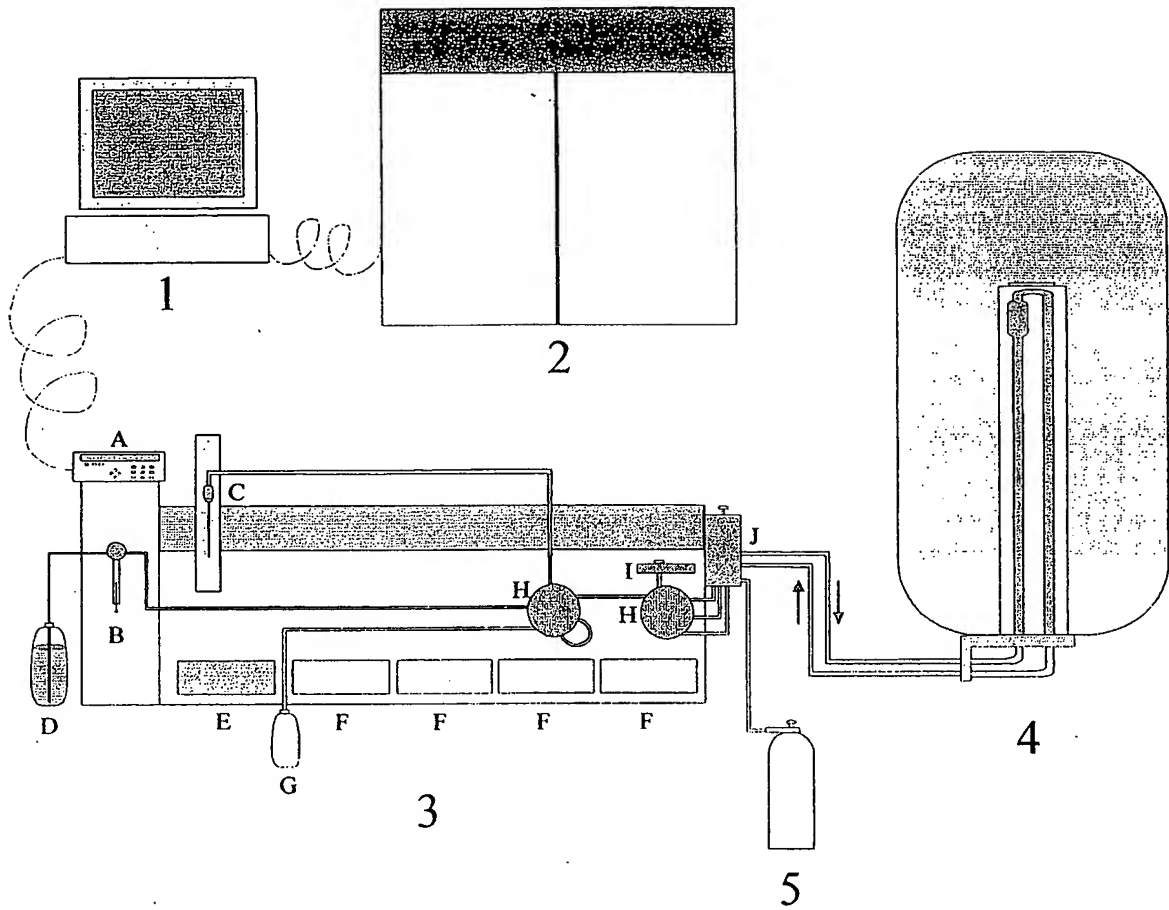


Figure 11.

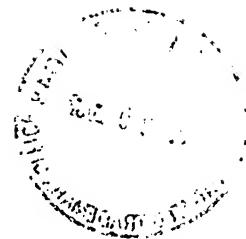
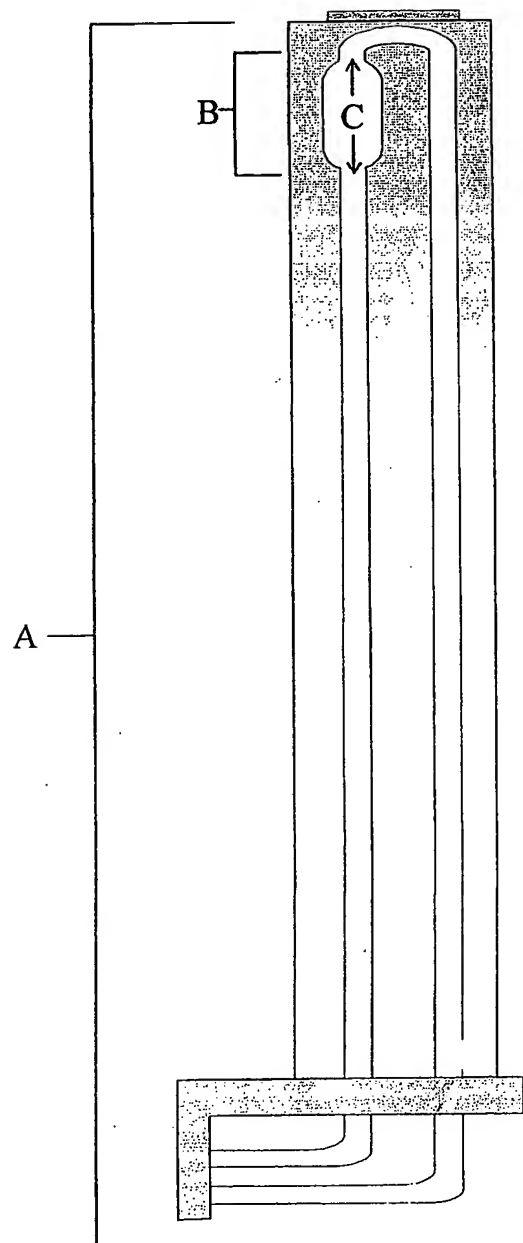


Figure 12.

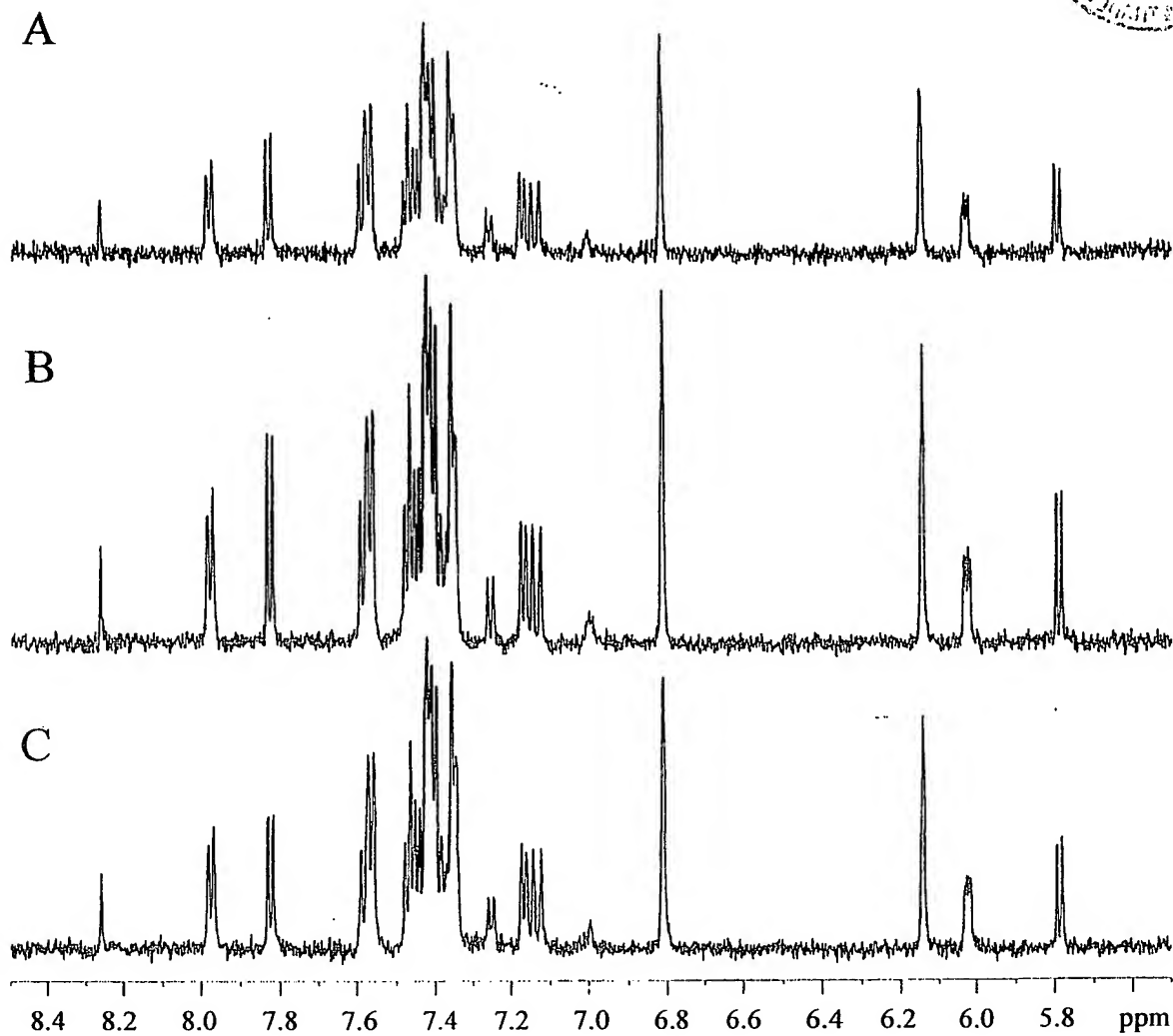
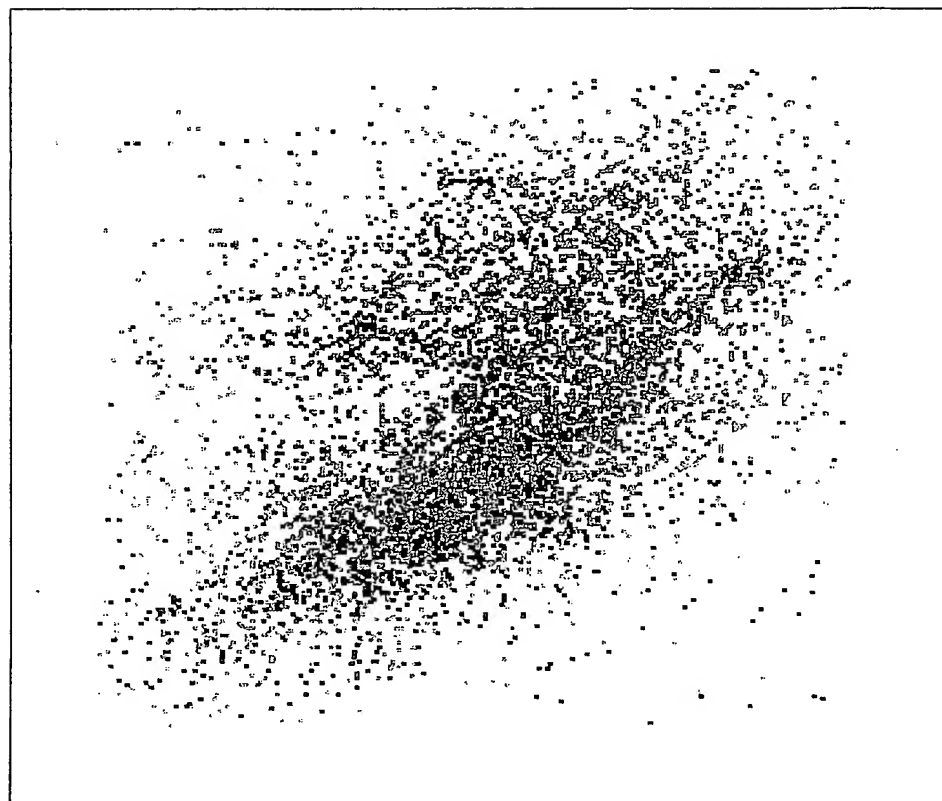


Figure 13.



HA BCUT



CHRG BCUT

Figure 14.

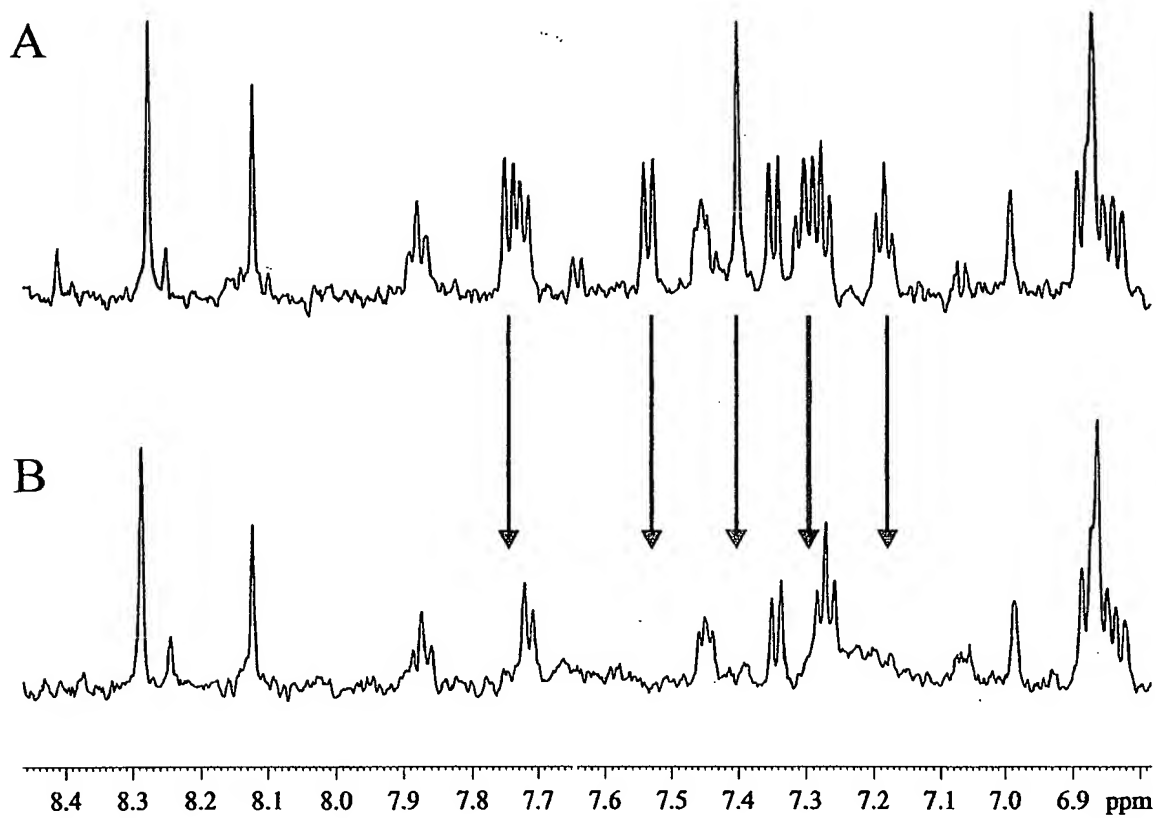
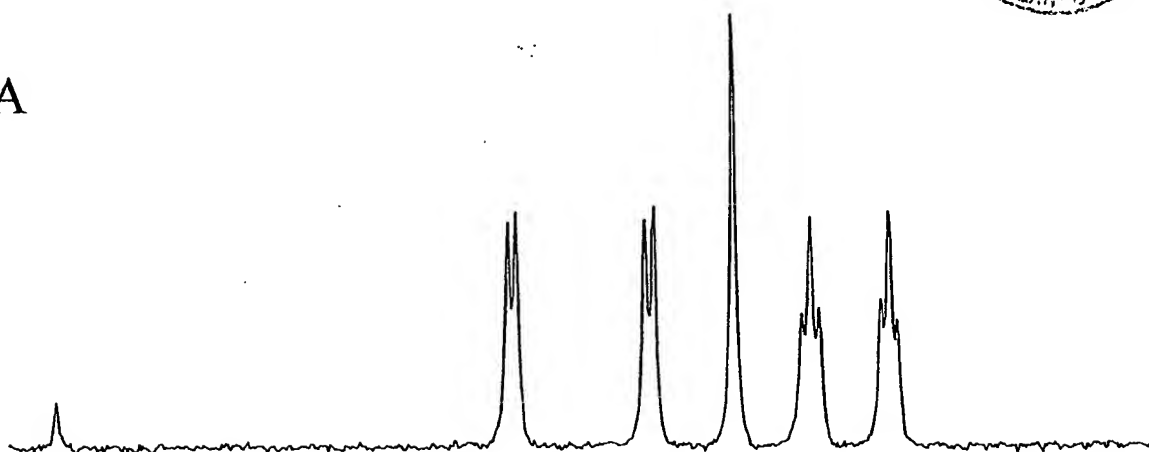


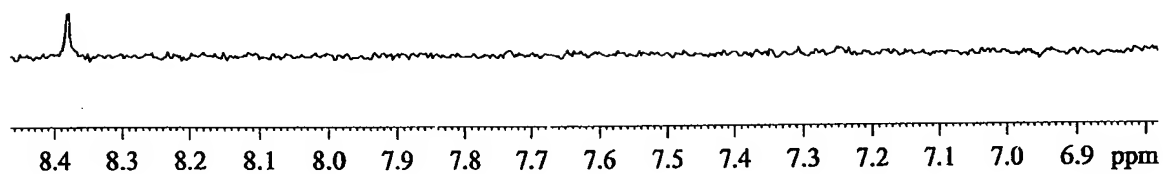
Figure 16



A



B



8.4 8.3 8.2 8.1 8.0 7.9 7.8 7.7 7.6 7.5 7.4 7.3 7.2 7.1 7.0 6.9 ppm

Figure 16

